



Appoquinimink School District
THE WORLD IS OUR CAMPUS

STATE OF DELAWARE
Appoquinimink School District

March 23, 2018

TO: ALL OFFERORS

FROM: Bob Hershey

SUBJECT: ADDENDUM TO REQUEST FOR PROPOSAL NO. 6:
Appoquinimink School District
Fairview Campus New Middle School and High School
Bid Package D

ADDENDUM NO. 6

TO

**APPOQUINIMINK SCHOOL DISTRICT
FAIRVIEW CAMPUS NEW MIDDLE SCHOOL AND HIGH SCHOOL
BID PACKAGE 'C/D'
TOWNSEND, DELAWARE**

**The bid due date for Bid Package 'C' remains unchanged.
Bids are being received until 2:00 p.m. on Thursday, March 29, 2018.**

**The bid due date for Bid Package 'D' remains unchanged.
Bids are being received until 2:00 p.m. on Tuesday, April 10, 2018.**

NOTICE: Attach this addendum to the project manual for this project. It modifies and becomes a part of the contract documents. Work for materials not specifically mentioned herein are to be described in the main body of the specifications and as shown on the drawings. Bidders shall acknowledge receipt of this addendum on the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

The contract documents for the above referenced project are amended as follows:

GENERAL CLARIFICATIONS:

1. The Bid Package 'D' pre-bid meeting minutes and sign in sheets are attached for your use.
2. A sample of the Building Blok payment application is attached for your reference.

QUESTIONS AND ANSWERS:

174. Sheet A-406 : The sound porch walls are labeled type 1A which is to go to deck above. The elevations seems to show a knee wall in these locations instead. Which is correct? If this is to be a knee wall, then please correct elevation B7/A-406.
 - a. These are knee walls w/cap and are being clarified for upcoming addendum
175. Sheet A-503 : Details/dimensioning is missing from Detail A4. What is the detail for the connection to the columns? Also, the windows are shown at differing depths in the wall thickness. Is this correct?
 - a. A4/A503 has been updated
176. There remains some confusion on who owns the feeders and conduits throughout the building. Can you please clarify?
 - a. Any feeder originating in the Bid Pac C areas (Areas D, E, F, G, and H) and terminating at any other point in the building is to be provided by Contract C-21. This Contract C-21 is to continue/extend conduit and wire feeders above ground to final panelboard locations including those on the 2nd Floor or Mezzanine/Penthouse Areas. Contract D-46 is to provide panelboards and make final connections from the provided feeders, and F&I branch wiring and devices throughout Areas A, B, and C. Any feeder wire and conduit originating in Bid Package D areas (A, B, C) and terminating within these same areas is to be provided by Contract D-46 : Electrical.
177. There appear to be some discrepancies as to what materials are to be used for the various piping systems. Here are the ones I believe should be clarified: 1. Below grade sanitary: spec 220010 says extra heavy cast iron, spec 220110 says service weight (both, for below boiler rooms and kitchens). 2. Above grade domestic water: spec 220010 says press-fit fittings, spec 220120 says soldered.
 - a. Below grade sanitary can be service weight. Domestic water can be soldered or press-fit fittings. If press fit is chosen it must be NIBCO or VIEGA/RIGID as stated in the spec.

178. Spec section 090600 Finish schedule is listed in C-12 SOW but not found in specifications.
- a. There is no Section 090300 in the Project Manual. See Sheets I-601 through I-603 for finish schedule. The reference to Section 090300 in Contract C-12's scope of work has been deleted.
179. Please provide a sketch of the specified mock-up wall.
- a. Please see sketch A-708
180. The column schedule on drawing S003 does not have a C4 column type listed. Please provide.
- a. Column Type 'C4' is not used.
181. Request for pre-approved equivalents: Please add the following Manufacturers to the following specification sections: 230450-2.1-I - CHILLER - Quantech; 230725-2.1-D - UNIT HEATERS - Sigma; 230725-2.2-J - CABINET HEATERS - Sigma; 230725-2.3-G - HOT WATER COILS - Heatcraft; 230725-2.4-J - STEEL RADIATORS - Sigma; 230760-2.2 - SINGLE PACKAGED, GAS-FIRED ROOFTOP AIR CONDITIONING UNIT WITH ENERGY RECOVERY – Valent; 230760-2.3 - SINGLE PACKAGED, GAS-FIRED ROOFTOP AIR CONDITIONING UNIT – Lennox; 230861-2.1-K - AIR PURIFICATION SYSTEMS – Bio Climatic
- a. Refer to changes included in this Addendum 6.
182. The Summary of Work for Contract 40-D mention Section 116143 Theatrical Draperies, but that section hasn't been provided please let me know if it will be added in an addendum.
- a. Stage Draperies are specified in Section 116133.
183. It is apparent that all Cat 6 cabling to the half shade triangles is owned by spec section 250740; however, there is significant low voltage and Cat 6 for the special systems: 274117 (Sound, Video, Comm), 280724 (Area Rescue), 280725 (Intrusion), 280728 (Digital Video) and all security cameras?
- a. All structured cable (CATx) including for the special systems is to be provided by Contract C-21. Special systems contractor will provide patch cables between data receptacles/devices provided by Contract C-21 and the special systems equipment. Special Systems contractor will provide low voltage cable for their equipment utilizing conduits and boxes provided by the electrical contractors.

184. The drawing list shows S203. This drawing does not exist. Please clarify. Drawing S530 exists but is not on the list? Is there a drawing A154 for area "D"?
1. Delete Sheet S-203 from the Drawing List.
 2. Add Sheet S-503 to the Drawing list.
 3. There is no Sheet A-154 for Area D.
185. Drawing E-151, note #1 indicates to carry an allowance of \$100,000.00 for HV electrical upgrades. Does this allowance account for Electrical Summary of Work item #19, "utility company primary service work fees"? If not, it has been difficult in the past for the utility company to commit to the cost of electrical service fees in advance of the bid. You may consider an additional allowance to cover this potential cost.
- a. Correct, this \$100,000 allowance is for Contract C-21 to coordinate and pay for all utility fees in the upgrade of the existing high voltage meter. Contract C-21 owns all primary service work downstream of the primary service meter under their base contract as depicted in the single line diagram on Sheet E-501.
186. Item #19 on C-21 scope of work refers to Utility Company related costs/fees. Can this cost be posted as an allowance? The primary service is private and there should be no utility company fees.
- a. See response to question 185 above.
187. Are isolation and control joints in the concrete slabs to be caulked? If so, are all joints to be caulked or only exposed joints?
- a. Caulking is only required for control and isolation joints in rooms where exposed to view. Use Sealant Type 7. See Addendum No 6.
188. Does the steel shown on detail 4 on S301 get fireproofing? What is the deck type?
- a. Yes - steel located in PAC (Area C) per Sheet G-100. Deck type is S2A (LW concrete on metal deck)
189. What items are to be fireproofed on drawing S308? Type of FP required? Deck?
- a. See Detail B4 on Drawing G-100 for Fireproofing requirements.
190. Please confirm that the steel shown on S306 does not get fireproofed?
- a. Refer to Detail B4 on Drawing G-100 for Fireproofing requirements.
191. I understand that the electrical contractor owns the boxes and raceways for devices as indicated on drawings, is this every device including the ones installed in the ACT

- ceilings that typically just get a box and open wiring to them or is this just the rough-in for the walls and exposed areas etc. Please clarify the extent of this note as it has always been an issue in the past projects. Does the electrical contractor own just the raceways/boxes within enclosed walls or does the electrical contractor also own any raceways/boxes in exposed areas as well as just a box in the ACT ceiling (such as a smoke detector) for the Simplex contractor to bring their wire to?
- a. E.C. owns all raceways and conduits for special systems weather concealed or exposed. Special Systems contractor will provide the boxes and t-bars for their ceiling devices, ie; smoke detectors, speakers, etc.
192. What specification section is responsible for the fire blankets and goggle cabinets? Please identify where these are required. Overviews seem to indicate them throughout the building but casework elevations do not reflect this.
- a. Fire blanket and goggle cabinet locations are identified in Addendum #4; fire blanket units will be identified in Division 10 specification section and goggle cabinets will be identified in Division 12 specification section. Fire blanket and goggle cabinets will be provided by Contract D-42 : Scientific Casework.
193. Are the typical mobile cabinets seen at A2/A404 for reference part of the casework scope or are these NIC?
- a. The items referenced are FF&E (N.I.C)
194. Any casework intended in room C128?
- a. No. All casework in this room has been deleted from A113; music shelving by other
195. Please elevate the casework in rooms B114, D119 & D121.
- a. Please see F6 / A405 - B119; E8 / A-401- D119; B9 / A406 - D121. Elevation tags have been added to plans
196. Please elevate island casework beyond low wall in room B107.
- a. Please see D1 / A401. Elevation tag has been added to plan.
197. Please verify tables in room B112 are NIC.
- a. The tables identified in this area are N.I.C
198. Is there any casework intended in rooms B102O, B134 or B135?
- a. Please see C6 / A-406 - B135; B134- N.I.C

199. Please provide an elevation for remaining casework in room B137.
 - a. Please see G4 / A-406
200. Is there any casework intended in room B137C?
 - a. The casework tags are now identified on plan sheet A-117; the elevations are identified on elevation sheets as follows: A8 & A9 / A-406
201. Elevate casework in room B142.
 - a. Please see E1 / A-408
202. Please elevate casework intended in room E101A.
 - a. The casework tag is now identified on plan sheet A-118; the elevation is identified on elevation sheet as follows: G7 / A-407
203. Provide elevations for the wood casework in room A208.
 - a. Please see D1 and D2 / A-409. Elevation tags have been added to plans
204. Elevate the casework intended outside of room A242.
 - a. See C1, G1 and H4 / A402
205. Is the library stack shelving NIC?
 - a. Yes, the shelving is FF&E
206. Provide elevations for casework in rooms B203 & B223.
 - a. Please see E5 / A-409 for B223 and G1 / A-409 for B203
207. Please provide the correct elevation marker for room B202A. Verify this is the only fume hood on the project as it is not drawn, just a note referring to fume hood.
 - a. Please see B6 / A-409 and F3 / A-407; refer to Mechanical drawings for extent of fume hood locations
208. Elevate casework in room B201A.
 - a. The casework tag is now identified on plan sheet A-126; the elevation is identified on elevation sheet as follows: C1 / A-407
209. Room B127 has duplicate elevation markers drawn. Advise which to use if this is laminate or wood casework.

- a. The casework is to be wood; refer to enlarged plan elevations F1 and G7 / A-403
210. Where are elevations E3, F4, F5 & F6/A405 to be used? No call outs refer to these elevations.
- a. The tags are now identified on the plan sheets; the elevation locations identified on elevation sheets are as follows: E3 - Faculty B237; F4 & F5 - Faculty A116; F6 - Faculty B114
211. Where are elevations A6, B9, C6, E1 & G4/A406 to be used? No call outs refer to these elevations.
- a. The tags are now identified on the plan sheets; the elevation locations identified on elevation sheets are as follows: A6 - Corridor 200C; B9 - D120; C6 - B135; E1 - B139; G4 - B137
212. Where are elevations A4, A6, C1, D1 & D3/A407 to be used? No call outs refer to these elevations.
- a. The tags are now identified on the plan sheets; the elevation locations identified on elevation sheets are as follows: A4 - Classroom A113 and A6 - A115 on Sheet A-111; C-1 - B102, D1 - B230 and D3 - B230 on Sheet A-126
213. Where are elevations C1, E1 & E5/A408 to be used? No call outs refer to these elevations.
- a. The tags are now identified on the plan sheets; the elevation locations identified on elevation sheets are as follows: C1 - Delete; E1 - Classroom B142 and E5 - Classroom B144 on Sheet A-117
214. Where is elevation B6/A409 to be used? No call outs refer to this elevation.
- a. Animal Science B129; the tag is now identified on plan sheet A-116
215. Please verify that stainless steel drop-in sinks are to be provided in epoxy science countertops in lieu of epoxy sinks per the plumbing fixture schedule.
- a. Sinks are to be Epoxy as identified in the plumbing schedule
216. Where is elevation B8/A424 to be used?
- a. Elevation B8 is deleted from A-424
217. Please see attached substitution request for xtherm boilers. Please let us know if this will be acceptable.

- a. No, owner and engineer are not familiar with product
218. Kencor Elevator is requesting to be allowed as an approved manufacturer for the MRL. For a link to our MRL manufacturer substitute request please follow: eevint.com. We are also requesting that Canton Elevator be listed as an approved manufacturer for the hydraulic elevators, <http://cantonelevator.com>.
- a. Canton Elevator is approved for hydraulic holeless. If changes are required in other elements of the Work, the Contractor shall be responsible for coordinating such changes and shall waive claims for additional costs that may arise from the substitution. EEVI is not approved for MRL elevators, due to larger hoistway size requirements.
219. Drawing G-100 Detail B4 : Note 2 lists areas not requiring FP. Where are the "Technical Production Areas"?
- a. These are catwalks, gridirons, rigging and supports for the Stage, Auditorium and Studio Theater. See also definition in IBC 2015.
220. Drawing G-100 Detail B4 : Note 3 states to FP the PAC hangers in the upper lobby. Where is this steel shown?
- a. Hangers for PAC Upper Lobby are not in the project at this time.
221. Drawing G-100 Detail B4 : The bid form for the FP lists Alternate 4 as applicable. Since this area is outside the scope shown in detail B4, is it required on the bid form?
- a. No, Alternate 4 may be removed from the bid form for Contract C-09 : Spray Fireproofing.
222. Delaware Elevator is requesting to be listed as an approved alternate manufacturer for the hydraulic and MRL elevators. Please see attached packet for substitute information.
- a. Approved. If changes are required in other elements of the Work, the Contractor shall be responsible for coordinating such changes and shall waive claims for additional costs that may arise from the substitution.
223. 085113 Windows, they list EFCO, but do not name a window series. EFCO doesn't make an exact match to the specified Kawneer window. They have 2 similar series: A. Series HX32. The specification calls for a .37 U-Value, but the EFCO window gets a .38 U-Value. We are assuming this window is to be considered an equal. -or- B. Series 6711. This is the same exact window that was basis of design

- that we are using at Whitehall for the same school district. It meets the design intent, but the only difference is that it only gets a .45 U-Value compared to the specified .37 U-Value. I would like to bid this window as it will match the same series window used at Whitehall, and allow us to be more competitive, however I don't know if it would be accepted due to the .45 U-Value. Please let us know which window series is acceptable.
- a. U value of 0.38 for window series HX32 is acceptable.
224. Specifications section 14 2013 and 14 2100 specify 12 months of warranty and maintenance for the elevators. It is our understanding that equipment provided within the Appoquinimink School District requires 24 months of warranty. Please advise if 12 or 24 months of warranty and maintenance are to be provided.
- a. Provide 24 month warranty and maintenance.
225. Specifications section 14 2013, 2.03, I. (p. 4) specifies the cab to have a stainless steel 5WL door(s) with stainless steel #4 finish front return wall(s) and Specifications section 14 2100, 2.04, D. (p. 6) specifies all other cabs to have a satin (#4 finish) stainless steel door(s) with a satin (#4 finish) front return wall(s). Please advise if 5WL stainless steel or Satin stainless steel cab doors are to be provided for all elevators.
- a. Provide finishes as specified. Note that Elevator No 4 does not require the 5WL finishes.
226. The controller room provided for Elevator #4 (indicated on drawing E-143) is large enough to accommodate all necessary hydraulic machine room equipment. Please advise if hydraulic equipment can be utilized for this elevator in lieu of the specified MRL Traction equipment. - Hydraulic equipment for this application would reflect an initial cost savings in construction along with savings in continued maintenance.
- a. No, keep as MRL as specified.
227. Please advise if a color other than black will be used for epoxy countertops. Once the color selection gets away from black the cost increases substantially.
- a. Black is the only color to be used for all epoxy countertops
228. Locations and specifications are needed for the Kilns.
- a. See Section 115415 and Sheets A-402, A-116 (3 kilns total)
229. Please confirm there will one be one (1) Cupola for this project.

- a. Confirmed
230. Please clarify the extent of the 4x4 steel tubes to support mansard trusses. Most structural details call out for HSS 6x6 1/4" continuous at truss bearing locations- see 6/S527 as a typical of most sections, however, Section 5/S519, 6/S519 , 2/S520 and 4/S520 has a note " incorporate elevated legs into truss design (typical of both sides)". It appears that this could be discrepancy of intent between the steel contract and Framing contracts. Are all the mansard trusses to be designed with elevated legs or is the steel contractor providing bearing steel at all locations? The roof framing plans do not indicate the 6x6 tubes which are shown on all but those 4 details, yet I can not find any good reason why those four details should be different than the rest of the building.
- a. Tube steel truss support members are shown on the Roof Plan. They are designated by an '*' and also noted in Plan Note #27. Areas where the trusses are perpendicular to the roof bar joists will have the elevated leg as shown in the details. Areas where the trusses are parallel to the joists will have the continuous steel tube bearing support as shown on the plans and details.
231. In Addendum #4 question # 146 with regards to deck schedule. Please confirm that any roof deck designated as D1 in area's that will have fire proof material applied will have no paint, which means the top surface under the roofing material will also be un-painted.
- a. The top surface of roof Deck Type D1 will be painted. The underside of the deck that receives fire proofing will be left unpainted.

MODIFICATIONS TO SPECIFICATIONS:

- 1) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-07 : Masonry
 - a. DELETE pages 004100-9 through 11 and REPLACE with revised Pages 004100-9 through 11 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
- 2) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-08 : Structural Steel and Misc Metals
 - a. DELETE pages 004100-17 through 19 and REPLACE with revised Pages 004100-17 through 19 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.

- 3) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-10 : EPDM Roofing
 - a. DELETE pages 004100-33 through 35 and REPLACE with revised Pages 004100-33 through 35 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
- 4) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-11 : Asphalt Shingle and Standing Seam Roofing
 - a. DELETE pages 004100-41 through 43 and REPLACE with revised Pages 004100-41 through 43 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
- 5) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-11 : Metal Studs and Drywall
 - a. DELETE pages 004100-49 through 51 and REPLACE with revised Pages 004100-49 through 51 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
- 6) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-14 : Joint Sealants
 - a. DELETE pages 004100-65 through 67 and REPLACE with revised Pages 004100-65 through 67 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
- 7) BID PAC C – VOL 1 SPECIFICATION SECTION 004100 : Bid Form and Attachments – Contract C-15 : Metal Wall Panels
 - a. DELETE pages 004100-73 through 75 and REPLACE with revised Pages 004100-73 through 75 attached to this addendum.
 - Added Alternate 36 : Provide Mansard Roof at Rear of Areas E and F.
 - b. DELETE page 004100-76 : Subcontractors List and REPLACE with revised Page 004100-76 attached to this addendum.
- 8) BID PAC C – VOL 1 SPECIFICATION SECTION 011100 : Summary of Work
 - a. This specification section has been modified to incorporate all modifications made in previous addenda. Additional changes to the scopes of work included in this addendum are as follows:
 - b. Contract C-11 : Asphalt Shingle and Standing Seam Roofing, Add Bullet #18, *“Provide roof underlayment and ice and water shield.”*
 - c. Contract C-12 : Metal Studs and Drywall, Add Bullet #34, *“Provide air barrier on outside face of gypsum sheathing of exterior walls where spray polyurethane foam insulating air barrier is not indicated.”*

- d. Contract C-12 : Metal Studs and Drywall, Add Bullet #35, *"Provide vapor retarder sheet on outside surface of roof decking under mineral fiber insulation at mansards."*
- e. Contract C-12 : Metal Studs and Drywall, Add Bullet #36, *"Provide water resistive barrier sheet on exterior walls under exterior cladding where indicated."*
- f. Contract C-13 : Glass and Glazing, Add to Bullet #4, *"integral to the automatic operation of the doors."*
- g. Contract C-18 : Plumbing, Delete the following from the Technical Specification Sections List:
 - Division 11 Equipment
 - Division 14 Conveying Equipment
 - Division 21 Fire Suppression
 - Division 27 Communications
 - Division 28 Electronic Safety and Security
- h. Contract C-13 : Glass and Glazing, Add to Bullet #23, *"Provide a generator to power the temporary sump pump."*
- i. Contract C-19 : Mechanical, Delete the following from the Technical Specification Sections List:
 - Division 11 Equipment
 - Division 14 Conveying Equipment
 - Division 21 Fire Suppression
 - Division 27 Communications
 - Division 28 Electronic Safety and Security
- j. Contract C-20 : Fire Protection, Delete the following from the Technical Specification Sections List:
 - Division 22 Plumbing
 - Division 23 Heating, Ventilating and Air Conditioning
 - Division 27 Communications
- k. Contract C-21 : Electrical, Add Bullet #49, *"Performance Lighting Systems, Company Switches, and Rigging System Electrical Work are not included in this contract. These systems will be provided by Contract D-46."*
- l. Contract C-21 : Electrical, Add Bullet #50, *"Provide \$100,000 allowance to coordinate and pay for all associated fees for work associated in the upgrade of the existing high voltage meter as required on Sheet E-151."*
- m. Remove existing specification section 011100 and replace with the attached revised specification section 011100, Summary of Work

9) BID PAC C – VOL 1 SPECIFICATION SECTION 012300 : Alternates

a. ADD:

Alternate No. 36: Provide Mansard Roof at Rear of Areas E and F.

- a. Base Bid: Provide EPDM Roof and parapet as designed.
- b. Alternate: Provide Mansard Roof with Shingles at Areas E and F as indicated on Sheet A-134.A.

10) SPECIFICATION SECTION 042000 –UNIT MASONRY

Page 042000-5, Article 1.09, Paragraph A :

Revise mockup height to be 11 feet.

Page 042000-6, Article 1.09, Paragraph F:

Add Paragraphs F and G:

F. Construct a masonry mockup wall 4 feet long by 8 feet high, for natural stone base, manufactured stone masonry water table, and ground face CMU.

G. Refer to Drawings for mockup configurations.

11) SPECIFICATION SECTION 079200 – JOINT SEALANTS

Page 079200-4, Article 2.01, Paragraph C :

Add subparagraph 6:

6. Type 7 - Narrow Control Joints in Interior Concrete Slabs Exposed to

View: Self-leveling polyurea sealant.

Page 079200-5,

Renumber Article 2.04 to be 2.05

Add Article 2.04:

2.04 SELF-LEVELING SEALANTS

A. Type 7 - Semi-Rigid Self-Leveling Polyurea Joint Filler:

Two-

component, 100 percent solids; intended for filling cracks

and

control joints not subject to significant movement; rigid enough to support concrete edges under traffic.

1. Hardness: 75, Shore A, minimum, when tested in accordance with ASTM D2240 after 7 days.

2. Color: To be selected by Architect from manufacturer's

standard colors.

3. Joint Width, Minimum: 1/8 inch.

4. Joint Width, Maximum: 3/4 inch.

5. Joint Depth: Provide product suitable for joints

from

1/8 inch to 1-1/2 inches in depth excluding space

for

backer rod.

6. Manufacturers:

a. Adhesives Technology Corporation;

Crackbond

- JF-311: www.atcepoxy.com/#sle.
 - b. ARDEX Engineered Cements; ARDEX ARDISEAL RAPID PLUS:
www.ardexamericas.com/#sle.
 - c. Euclid Chemical Company; EUCO QWIKjoint
 - UVR: www.euclidchemical.com/#sle.
 - d. Substitutions: See Section 01 6000 - Product Requirements.

12) SPECIFICATION SECTION 085113 - ALUMINUM WINDOWS

Page 085113-4, Article 2.02, Paragraph C, subparagraph 1 :

Revise U-value to be 0.38 maximum.

13) SPECIFICATION SECTION 114000 - FOOD SERVICE EQUIPMENT

Page 114000-2, Article 1.03, Paragraph B, subparagraph 4 :

Add subparagraph :

- g. Atlanta Custom Fabricators (ACF)

14) SPECIFICATION SECTION 142013 – HYDRAULIC HOLELESS PASSENGER ELEVATOR

Page 142013-3, Article 1.09, Paragraph B, subparagraph 1:

Change warranty period to Two (2) years.

Page 142013-3, Article 1.10, Paragraph B:

Change service and maintenance period to Two (2) years.

Page 142013-4, Article 2.01, Paragraph A:

Add subparagraph:

- e. Delaware Elevator
- f. Canton Elevator

15) SPECIFICATION SECTION 142100 – ,MACHINE ROOM-LESS TRACTION ELEVATOR

Page 142100-4, Article 1.05, Paragraph A, subparagraph 1:

Change warranty period to Two (2) years.

Page 142100-8, Article 3.08, Paragraph B:

Change service and maintenance period to Two (2) years.

Page 142100-4, Article 2.01, Paragraph G:

Add Paragraph G:

- G. Other Approved Manufacturers:

1. Delaware Elevator

- 16) SPECIFICATION SECTION 230450, REFRIGERATION EQUIPMENT - HVAC
Page 230450-4, paragraph 2.1.F.i: REMOVE Modbus and N2.

Page 230450-5, Paragraph 2.1, I: ADD Quantech as an approved manufacturer
- 17) SPECIFICATION SECTION 230725, TERMINAL HEATING UNITS
Page 230725-1, Paragraph 2.1.D: ADD Sigma as an approved manufacturer

Page 230725-2, Paragraph 2.2.J: ADD Sigma as an approved manufacturer

Page 230725-2, Paragraph 2.3.G: ADD Heatcraft as an approved manufacturer

Page 230725-3, Paragraph 2.4.J: ADD Sigma as an approved manufacturer
- 18) SPECIFICATION SECTION 230760, AIR HANDLING EQUIPMENT
Page 230760-6, Paragraph 2.2.K: ADD Valent as an approved manufacturer

Page 230760-7, Paragraph 2.3.K: ADD Lennox as an approved manufacturer
- 19) SPECIFICATION SECTION 230861, AIR PURIFICATION SYSTEM
Page 230861-5, Paragraph 2.1.K: ADD Bio Climatic as an approved manufacturer
- 20) SPECIFICATION SECTION 260660, TRANSIENT VOLTAGE SURGE SUPPRESSION
ADD entire section. Refer to attached new section 260660.
- 21) SPECIFICATION SECTION 260740, NETWORK CABLING SYSTEMS
Page 260740-1, Paragraph 1.1.D: REMOVE date.

Page 260740-1, Paragraph 1.1.D: ADD “current”

Page 260740-3, Paragraph 2.3.B: DELETE 1 and 2.

Page 260740-3, Paragraph 2.3.B: ADD “1. Cable support system shall be of type
Legrand
Cablofil wire mesh tray model CF 105/500 or equal.”

Page 260740-3, Paragraph 2.3.B: ADD “2. J-hooks shall be used in all rooms to the
common path or cable support system.”
- 22) SPECIFICATION SECTION 264117 – SOUND, VIDEO & COMMUNICATION
Page 274117-21, Article 2.23.Q.5, Replace with:
5. SDI>HDMI Converter, AJA #ROI-SDI, Qty 1

Page 274117-22, Article 2.23.DD.5, Replace with:

5. SDI>HDMI Converter, AJA #ROI-SDI, Qty 1

Page 274117-22, Article 2.23.DD, Add the following:

8. Dual 7" HD Rack Mount Video Monitor, ELVID #SRM-7X2-LT, Qty 1

Page 274117-24, Article 2.23.RR, Add the following:

8. 50' RG-8 50 ohm Antenna Cable, Sennheiser #50' RG-8, Qty 2

Page 274117-25, Article 2.23.VV.1, Replace:

1. Equipment Rack, Middle Atlantic #DWR-3522-VFD, Qty 1

Page 274117-25, Article 2.23.VV.2, Change Qty to Lot.

Page 274117-25, Article 2.23.VV.3, Change Qty to Lot.

Page 274117-25, Article 2.23.DD, Add the following:

8. 1U Rack Shelf, Middle Atlantic #U1, Qty 1

MODIFICATIONS TO DRAWINGS:

- 1) See Addendum 6 dated March 23, 2018 issued by ABHA/BSA+A attached to this addendum.

ATTACHMENTS

- Meeting Minutes & Sign-In Sheet from Bid Pac 'D' Pre-Bid Meeting held on 3/14/18.
- Specification Pages 004100-9 through 11
- Specification Pages 004100-17 through 19
- Specification Pages 004100-33 through 35
- Specification Pages 004100-41 through 43
- Specification Pages 004100-49 through 51
- Specification Pages 004100-65 through 67
- Specification Pages 004100-73 through 75
- Specification Page 004100-76
- Sample Building Blok Payment Application
- Specification Section 011100

- Addendum 6 dated March 23, 2018 issued by ABHA/BSA+A

- SPECIFICATION SECTION 260660 SURGE PROTECTIVE DEVICES (INTEGRAL AND EXTERNAL)

- SHEET A-145 - FIRST FLOOR RCP - AREA 'E'

- SHEET A-486 - LOADING DOCK ENLARGED STAIR PLANS & SECTIONSSHEET A-112 - FIRST FLOOR PLAN - AREA 'B'
- SKETCHES A-707 THROUGH A-732

- SHEET S-138 – ROOF FRAMING PLAN – AREA 'H'
- SHEET S-138.A – ROOF FRAMING PLAN – AREA 'H' ALTERNATE
- SKETCHES S-721 THROUGH S-745

- SHEET SVC-402 – VIDEO & CONTROL SIGNAL FLOW
- SHEET SVC-405 – EQUIPMENT RACK ELEVATION
- SHEET SVC-501 - GYMNASIUM SVC SYSTEM
- SHEET SVC- 502 - ALT GYMNASIUM SVC SYSTEM

- SHEET TR-110 - THEATRE RIGGING RIGGING PLANS
- SHEET TR-111- THEATRE RIGGING ALTERNATE #16A ORCHESTRA SHELL PLAN AND DETAILS
- SHEET TR-112 - THEATRE RIGGING ACOUSTIC DRAPERY
- SHEET TR-120 - THEATRE RIGGING LONGITUDINAL SECTION
- SHEET TR-130 - THEATRE RIGGING RIGGING DETAILSSHEET A-115 - FIRST FLOOR PLAN - AREA 'E'

- SHEET M-124 - SECOND FLOOR PLAN - MECHANICAL HVAC AREA 'E'
- SHEET M-126 - SECOND FLOOR PLAN - MECHANICAL HVAC AREA 'G'
- SHEET M-155 - ROOF PLAN - MECHANICAL HVAC AREA 'E'
- SHEET M-157 - ROOF PLAN - MECHANICAL HVAC AREA 'G'
- SKETCHES M-700 THROUGH M-705

- SKETCHES P-700 THROUGH P-707
- SKETCHES E-708 THROUGH E-714

END OF ADDENDUM NO. 6

All other terms and conditions remain the same.